

LITTLE COLORADO RIVER BASIN

09400200 STEAMBOAT WASH TRIBUTARY NEAR GANADO, AZ

LOCATION.--Lat 35°45'50", long 109°48'00", Apache County, Hydrologic Unit 150200011, at State Highway 264, 15 mi west of Ganado.
DRAINAGE AREA.--0.32 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	09-00-63	1.0		1970	09-05-70	360	
1964	08-13-64	383		1971	10-02-70	55	
1965	09-00-65	1.0		1972	06-00-72	35	
1966	08-00-66	35		1973	10-19-72	380	
1967	09-06-67	5.0		1974	08-00-74	5.0	
1968	08-00-68	130		1975	09-07-75	28	
1969	07-19-69	49					

Magnitude and probability of instantaneous peak flow based on period of record 1963-75

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
46.6	167	322	648	1,020	1,520
Weighted skew	(logs) =	-0.04			
Mean	(logs) =	1.66			
Standard dev.	(logs) =	0.66			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
100	1.1	6,750	72.0	1.0	12.1	1.5	2.9

